(51) International Patent Classification 6:

WORLD INTELLECTUAL PROPERTY ORGANIZA International Bureau

INTERNATIONAL APPLICA JON PUBLISHED UNDER THE PATENT COPERATION TREATY (PCT)

(11) International Publication Number:

WO 99/55524

A1

B31B 1/86, B65B 61/14, B65D 25/28, 33/12

(43) International Publication Date:

4 November 1999 (04,11,99)

(21) International Application Number:

PCT/AU99/00308

(22) International Filing Date:

23 April 1999 (23.04.99)

(30) Priority Data:

PP 3176 24 April 1998 (24.04.98) AU PP 4605 10 July 1998 (10.07.98) ΑU PP 7424 1 December 1998 (01.12.98) ΑU

(71) Applicant (for all designated States except US): HANDLETEC PTY. LTD. [AU/AU]; 51-57 Carlotta Street, Artarmon, NSW 2064 (AU).

(72) Inventor; and

(75) Inventor/Applicant (for US only): BOGATEZ, Edwin, Lorenzo [AU/AU]; 51-57 Carlotta Street, Artarmon, NSW 2064 (AU).

(74) Agents: SCHILLING, Fred et al.; Davies Collison Cave, Level 10, 10 Barrack Street, Sydney, NSW 2000 (AU).

(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

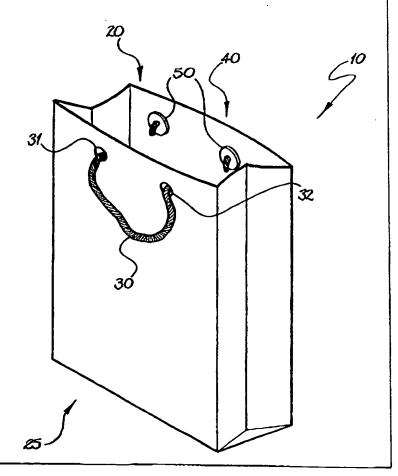
Published

With international search report.

(54) Title: BAG HANDLE AND METHOD AND MEANS OF ATTACHMENT

(57) Abstract

A handle (30, 40) applying method and means employs heating and deforming an aglet (32) to form or fusing an end stop on a bag cord after fitting the cord through a handle locating aperture (31, 32, 41, 42) in a bag wall (15) or fitting an aglet (32) having a resiliently movable barb (64) or detent on the end of a bag cord before passing the aglet through a handle locating aperture which causes the barb (64) or detent to move toward the aglet as it passes through the aperture and which barb (64) or detent returns to its rest position to restrain the cord from removal through the aperture in a reverse direction to that of fitment of the cord end.



Ū n F N £2.